


## MONTHLY NOISE AND VIBRATION REPORT CITY & SOUTHWEST ACOUSTICS ADVISOR

<b>Project:</b>	<b>Chatswood to Sydenham SSI-7400</b>		
<b>For period:</b>	<b>March 2022</b>	<b>Authorisation:</b>	
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<b>Date of issue:</b>	5 April 2022		

### **Introduction**

EMM Consulting Pty Limited (EMM) presents the March 2022 AA Noise and Vibration Report for the Sydney Metro City and Southwest project as required by SSI 15\_7400 A27 (g) vi.

A reference table for the acronyms used in this report is provided on the last page.

### **Acoustic Advisor Activity**

- Review and endorsement of:
  - WISD CNVIS Rev 4;
  - CNISD CNVIS Rev K; and
  - PSISD CNVIS Rev 13.2.
- Review and endorsement of out of hours work applications (OOHWA) and extensions for:
  - CNISD OOHWA14 Extended Work Hours (review only);
  - MPISD OOHWA 92 April-May 2022 Utility Investigation Rev 2;
  - MPISD OOHWA 94 North Site hoarding works Rev 5;
  - LWW OOHWA199 Surry Hills BPS Randle Lane;
  - PSISD OOHWA 35 April to June Works;
  - PSISD OOHWA 36;
  - PSISD OOHWA 37 Emergency OOH Application Rev 1;
  - PSISD CNVIS Rev 13.2;
  - VCISD OOHWA 18 VC North Miller St Stormwater works;
  - VCISD OOHWA 19 McLaren St HV Kiosk removal;
  - VCISD OOHWA 20 VC North April-June weekend OOHWA (review only);
  - WISD OOHWA 27 Sydney Water Cutover Rev C;
  - WISD OOHWA 28 Ausgrid Outage 2 Rev D; and
  - WISD CNVIS Rev 4;
  - WISD OOHWA 30 April Works;.
- Attendance at Sydney Metro and DPE monthly meeting, and ongoing meetings with CNISD, VCISD, Barangaroo Station, PSISD, MPISD, CSM and WISD contractors.

### **Inspections, audits and site visits**

The following was undertaken:

- CNISD evening observations of approved construction on 10 March 2022;

- VCISD south Miller Street stormwater works inspection and noise measurements on 10 March 2022;
- PSISD ER site inspection on 15 March; and
- CNISD ER site inspection 16 March.

### **Monitoring status**

- Real-time noise and vibration monitoring (with real-time access) is ongoing at Barangaroo, VCISD, CSM, SSJ, MPISD, PSISD (noise only) and CNISD sites.

The WISD Contractor is operating real-time noise monitors to assist with site noise management. This is not a requirement of their CNVMP and is optional only. We have access to this data on an as-needs basis only (eg when complaints are received).

### **Noise and vibration complaints**

- Noise complaints from Barangaroo, Northern Connection (Blues Point), CNISD, VCISD, MPISD and WISD were received. These complaints were dealt with appropriately by contractors.
- There has been a general increase in complaints at VCISD, Barangaroo and WISD over the reporting period, mainly due to 'noisy' utility works that were required OOH due to third party approvals.
- A noise complaint was received for CNISD about a concrete pour that ran over until 2am on Sunday morning. A non-compliance was raised against this activity and the Contractor is in discussions with the concrete supplier to prevent future occurrences. Further details of this event can be found in the non-compliance report dated 28 March 2022.

### **Initiatives**

- We have continued to request attended noise monitoring records on a regular basis to verify that the appropriate level of information is being recorded by noise monitoring personnel and overall adherence to CNVMP and NMP requirements.

### **Non-compliances, incidents and events**

- A non-compliance was raised by CNISD due to a concrete pour running until 2am and beyond the approved work hours (as mentioned above).

### **Ongoing and upcoming environmental risks**

- At Barangaroo, future high noise works including the demolition of Hickson Road will be occurring over the coming months.
- OOH utility works are planned at WISD, VCISD and Barangaroo. Similar utility works at these ISDs over the March 2022 reporting period have attracted complaints. This is primarily due to the high noise nature (eg use of petrol concrete saws, rock hammers and sheet piling) and the need to undertake these works OOH due to Road Occupancy License (ROL) and utility service provider requirements. We are working with Sydney Metro and the ISD contractors to minimise noise impacts as far as practicable. This is mostly achieved through work scheduling (limiting noisiest activities to before 12am) and respite (no. of nights) to avoid sustained sleep disturbance impacts, however despite this, more complaints are expected.
- OOH works, particularly long running concrete pours and/or oversize deliveries at ISD sites at WISD, VCISD and CNISD during extended working hours to catch up lost time due to construction pause and other impacts due to COVID-19.
- The Environmental Planning and Assessment (COVID-19 Development – Infrastructure Construction Work Days No. 2) Order 2020 (Covid-19 Order) for extended construction hours on Saturdays, Sundays and Public Holidays expired on March 31 2022. Following the expiry, all ISD Contractors have approval to continue 'low impact' works on Saturdays and Sundays under condition E44(f) and the approved OOHW Protocol.

Sydney Metro will be rolling out a comprehensive project wide communication and consultation campaign to seek community feedback during this post COVID-19 order transitional period. Feedback from this campaign will be used to inform future OOHWA for weekend works, with the overall view of striking an appropriate balance between maintaining acceptable noise levels on the weekend periods for the community whilst allowing the project to utilise the same period to catch up lost time due to COVID-19 impacts.

**Recommendations (incl auditing):**

Nil

**Acronyms**

<i>CNISD</i>	<i>Crows Nest Integrated Station Development</i>
<i>CNVIS</i>	<i>Construction Noise and Vibration Impact Statement</i>
<i>CNVMP</i>	<i>Construction Noise and Vibration Management Plan</i>
<i>CSM</i>	<i>Central Station Metro</i>
<i>DPE</i>	<i>NSW Department of Planning and Environment</i>
<i>ER</i>	<i>Environmental Representative</i>
<i>ISD</i>	<i>Integrated Station Development</i>
<i>LWW</i>	<i>Line Wide Works</i>
<i>MPISD</i>	<i>Martin Place Integrated Station Development</i>
<i>NVA</i>	<i>Noise and Vibration Assessment</i>
<i>NVMP</i>	<i>Noise and Vibration Monitoring Plan</i>
<i>OOH</i>	<i>Out of hours</i>
<i>OOHW</i>	<i>Out of hours work</i>
<i>OOHWA</i>	<i>Out of Hours Work Application</i>
<i>OSOM</i>	<i>Oversize, overmass</i>
<i>PSISD</i>	<i>Pitt Street Integrated Station Development</i>
<i>ROL</i>	<i>Road Occupancy License</i>
<i>SSJ</i>	<i>Sydenham Station Junction</i>
<i>VCISD</i>	<i>Victoria Cross Integrated Station Development</i>
<i>WISD</i>	<i>Waterloo Integrated Station Development</i>